

# **Workshop on Ensuring Access and Trustworthiness of Climate Observations and Models for Society**

March 9-10, 2010  
National Climatic Data Center  
Asheville, North Carolina

## **Agenda**

### **Tuesday, March 9**

8:30-9:00 – Registration

9:00-9:15 – Welcome and logistics – John Bates, NOAA

9:15-9:45 – Climate Assessments and Climate Services – Tom Karl, NOAA

9:45-10:05 – Climate model evolution and CMIP-5 scenarios – V. Ramaswamy, NOAA

10:05 – 10:25 – Observations and CMIP5 – Duane Waliser, NASA JPL

10:25-10:45 – Break

10:45-11:15 – Assessments and Impacts – National and International – Anne Waple, UCAR

11:15-11:45 – Enabling technologies for facilitating access and use of data – Russ Rew, UCAR and John Caron, UCAR

12:00 – 1:00 - Lunch – on site sandwiches

1:00 – 1:30 – Break out groups charges – cross groups session

1:30 – 3:30 – Break out group session

3:30 – 4:00 – Break

4:00 – 5:00 – Plenary – reports and discussion from break out groups

6:00 – Group Dinner (No Host) – Ed Boudreaux's

### **Wednesday, March 10**

8:30-9:00 – Gather and charge to groups – within group questions

9:00-10:30 – Break outs for cross groups session

10:30 – 11:00 – Break

11:00 – noon – Plenary report out for cross groups

Noon- 1:00 – Lunch – on site sandwiches

1:00 – 2:00 – Future activities:

- What actions need to be taken to make observational data sets used in/for assessments documented and accessible?
- What international body or bodies should these activities report to?
- Who are the points of contact for follow up?

## **Questions to answer within each group and across groups**

### **1. Observations and Modeling Group**

- a) For the next round of the coupled model inter comparison project (CMIP-5), what is the priority set of observational variables needed?
- b) Is there a suite of observational variables that can be used to study the budgets of the coupled system, for example the radiation budget, the water budget, the carbon budget, etc. if so, for what period of time and did what space scales to these data sets exist for?
- c) How can we make observational data accessible and what are the required standards for catalog, content, context, and fixity metadata required? How do we apply the GCOS draft guidelines for generation of datasets and products (see link for GCOS guidelines)?

### **2. Societal Assessment and Impacts Group**

- a) How do impacts and assessment groups use observational and modeling data and what are the greatest challenges in discovery and use of those data sets?
- b) What mechanisms need to exist to address these challenges?
- c) What are the methods for documenting how impacts studies are done?

### **3. Enabling Technology Group**

- a) What is the current technology and challenges used/proposed for CMIP-5 (see CMIP-5 link)?
- b) What standards are needed to host observational data sets used in assessments and how might this connect with CMIP-5 efforts?
- c) Can similar tools be used to facilitate interactions with the assessments and impacts groups?